

Title (en)

Electrical connector with shorting clip.

Title (de)

Elektrischer Verbinder mit einer Kurzschlussklemme.

Title (fr)

Connecteur électrique avec clip de court-circuit.

Publication

EP 0366260 A2 19900502 (EN)

Application

EP 89309621 A 19890921

Priority

US 26166788 A 19881024

Abstract (en)

An electrical connector (10,12) comprises a plug connector body (14) which has a pair of female terminals and a U-shaped, sheet metal shorting clip (16). The shorting clip is retained in an intermediate cavity (36) and has a pair of cantilevered spring contact arms (44,46) which engage respective side walls of the female terminals. A mating electrical connector (12) comprises a socket connector body (20) which has a cam (18) which engages one of the spring contact arms (44) of the shorting clip and disengages the shorting clip from the side wall of one female terminal when the socket connector body is connected to the plug connector body. A loose piece shroud (22) which is attached to the plug connector body has a lock arm (24) which engages a lock member of the socket connector body to lock the mated plug and socket connector bodies together.

IPC 1-7

H01R 31/08

IPC 8 full level

H01R 13/639 (2006.01); **H01R 13/703** (2006.01)

CPC (source: EP US)

H01R 13/7032 (2013.01 - EP US)

Cited by

DE19514864A1; EP0591948A3; ES2119672A1; EP0708500A1; FR2725841A1; GB2245775A; GB2245775B; EP2805385A4

Designated contracting state (EPC)

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